AMENDMENTS TO THE CLAIMS

Claims 1-36 are pending in the instant application. Claims 1, 13, and 25 are independent claims and have been amended. Claims 2-12, 14-24, and 26-36 depend from independent claims 1, 13, and 25, respectively.

The Applicant requests reconsideration of the claims in view of the following amendments reflected in the listing of claims.

Listing of claims:

1. (Currently Amended) A method for choosing at least one signal path, the method comprising:

determining a signal quality metric for each of a plurality of signal paths;

modifying the determined signal quality metric for each of the plurality of signal paths; and

selecting at least one signal path based on at least one of the modified signal quality metrics.

2. (Previously Presented) The method of claim 1, comprising cycling through at least one of the signal paths.

3. (Previously Presented) The method of claim 1, comprising biasing the signal quality metric for each of the plurality of signal paths.

4. (Previously Presented) The method of claim 1, comprising increasing the signal quality metric for each of the plurality of signal paths by a fixed amount.

5. (Previously Presented) The method of claim 1, comprising increasing the signal quality metric for each of the plurality of signal paths by a predetermined amount.

6. (Previously Presented) The method of claim 1, comprising dynamically changing the signal quality metric for each of the plurality of signal paths.

7. (Previously Presented) The method of claim 1, comprising decreasing the signal quality metric for each of the plurality of signal paths by at least one of a fixed amount and a predetermined amount.

8. (Previously Presented) The method of claim 1, comprising selecting a signal path with a signal quality metric greater than at least one modified signal quality metric.

9. (Previously Presented) The method of claim 1, comprising selecting a signal path with a signal quality metric less than at least one modified signal quality metric.

10. (Original) The method of claim 1, wherein the signal quality metric comprises at least one of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and an interference level characteristic.

11. (Original) The method of claim 1, wherein at least one of the signal paths comprises an antenna.

12. (Original) The method of claim 1, wherein each of the plurality of signal paths comprises at least one of a receive signal path and a transmit signal path.

13. (Currently Amended) A machine-readable storage having stored thereon, a computer program having at least one code section for choosing at least one signal path, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

determining a signal quality metric for each of a plurality of signal paths;

modifying the determined signal quality metric for each of the plurality of signal paths; and

selecting at least one signal path based on at least one of the modified signal quality metrics.

14. (Previously Presented) The machine-readable storage of claim 13, comprising code for cycling through at least one of the signal paths.

15. (Previously Presented) The machine-readable storage of claim 13, comprising code for biasing the signal quality metric for each of the plurality of signal paths.

16. (Previously Presented) The machine-readable storage of claim 13, comprising code for increasing the signal quality metric for each of the plurality of signal paths by a fixed amount.

17. (Previously Presented) The machine-readable storage of claim 13, comprising code for increasing the signal quality metric for each of the plurality of signal paths by a predetermined amount.

18. (Previously Presented) The machine-readable storage of claim 13, comprising code for dynamically changing the signal quality metric for each of the plurality of signal paths.

19. (Previously Presented) The machine-readable storage of claim 13, comprising code for decreasing the signal quality metric for each of the plurality of signal paths by at least one of a fixed amount and a predetermined amount.

20. (Previously Presented) The machine-readable storage of claim 13, comprising code for selecting a signal path with a signal quality metric greater than at least one modified signal quality metric.

21. (Previously Presented) The machine-readable storage of claim 13, comprising code for selecting a signal path with a signal quality metric less than at least one modified signal quality metric.

22. (Original) The machine-readable storage of claim 13, wherein the signal quality metric comprises at least one of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and an interference level characteristic.

23. (Original) The machine-readable storage of claim 13, wherein at least one of the signal paths comprises an antenna.

24. (Original) The machine-readable storage of claim 13, wherein each of the plurality of signal paths comprises at least one of a receive signal path and a transmit signal path.

25. (Currently Amended) A system for choosing at least one signal path, the system comprising:

at least one processor that determines a signal quality metric for each of a plurality of signal paths;

the at least one processor modifies the determined signal quality metric for each of the plurality of signal paths; and

the at least one processor selects at least one signal path based on at least one of the modified signal quality metrics.

26. (Original) The system of claim 25, wherein the at least one processor cycles through at least one of the signal paths.

27. (Original) The system of claim 25, wherein the at least one processor biases the signal quality metric for each of the plurality of signal paths.

28. (Original) The system of claim 25, wherein the at least one processor increases the signal quality metric for each of the plurality of signal paths by a fixed amount.

29. (Original) The system of claim 25, wherein the at least one processor increases the signal quality metric for each of the plurality of signal paths by a predetermined amount.

30. (Original) The system of claim 25, wherein the at least one processor dynamically changes the signal quality metric for each of the plurality of signal paths.

31. (Original) The system of claim 25, wherein the at least one processor decreases the signal quality metric for each of the plurality of signal paths by at least one of a fixed amount and a predetermined amount.

32. (Original) The system of claim 25, wherein the at least one processor selects a signal path with a signal quality metric greater than at least one modified signal quality metric.

33. (Original) The system of claim 25, wherein the at least one processor selects a signal path with a signal quality metric less than at least one modified signal quality metric.

34. (Original) The system of claim 25, wherein the signal quality metric comprises at least one of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and an interference level characteristic.

35. (Original) The system of claim 25, wherein at least one of the signal paths comprises an antenna.

36. (Original) The system of claim 25, wherein each of the plurality of signal paths comprises at least one of a receive signal path and a transmit signal path.